

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: Unknown)
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Filing Date: Unknown)
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Priority Date: 15 March 2000)
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Applicant: MEHRA, Rahul et al)
)
For: DIGITAL DATA PROCESSING FROM)
MULTIPLE STREAMS OF DATA)

PRELIMINARY AMENDMENT

Director For Patents
Box: New Application
Washington, D.C. 20231

Dear Sir:

This is a preliminary amendment to the enclosed application entitled "Digital Data Processing from Multiple Streams of Data".

In the Specification:

Please amend the specification as follows:

Before the first paragraph on page 1, please insert

--CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims priority to GB Application No. 0006095.4 filed 15 March 2000.

BACKGROUND OF THE INVENTION--;

Page 2, before line 7 insert the following heading:

--SUMMARY OF THE INVENTION--;

Page 2, line 7, change "and" to --an--.

Page 3, line 5, add "," after "syntax"; line 28, delete one ".".

Page 5, line 2, after "the" insert --Packet Identification Code--;

Page 5, before line 22, add the following header:

--DESCRIPTION OF THE DRAWINGS--

Page 5, before line 26, insert the following header:

--DESCRIPTION OF THE PREFERRED EMBODIMENT--

Page 8, line 8, after "a" second occurrence insert --First In First Out--.

Page 9, after line 16, add the following:

--While the invention has been described with a certain degree of particularity, it is manifest that many changes may be made in the details of construction and the arrangement of components without departing from the spirit and scope of this disclosure. It is understood that the invention is not limited to the embodiments set forth herein for purposes of exemplification, but is to be limited only by the scope of the attached claim or claims, including the full range of equivalency to which each element thereof is entitled.--

In the claims

Please amend claims as follows:

1. (Amended) A data processing system for data received by a broadcast data receiver, said receiver provided for receiving multiple streams of digital data which are transmitted from a remote location, said data in each stream comprising a series of packets of data and provided with associated codes to indicate the type of data i.e. video , audio and/or auxiliary data, said receiver provided with means which allow the selection and combination of packets of data from the said multiple streams of data in

response to control commands, said selected packets of data combined to form a single stream of data and said single stream of data further processed to generate video and/or audio and/or auxiliary data, each stream of data including a transport packet of identification codes for the packets of data in the stream and [characterised in that] wherein an identification code is added to the streams of data which serves to identify and differentiate each of the streams of data received by the receiver.

2. (Amended) A data processing system according to claim 1 [characterised in that] wherein the identification code is located with the transport packet of data which includes a series of identification codes which contain and provide information relating to the packets of data in that stream of data.

3. (Amended) A data processing system according to claim 2 [characterised in that] wherein the identification code identifies the transport packet of the data stream [(TSID)]

4. (Amended) A data processing system according to claim 1 [characterised in that] wherein the identification codes are generated by re-using existing, superfluous data bits within the existing transport packet syntax said bits replaced by the identification code or codes which identify the streams of data being received.

5. (Amended) A data processing system according to claim 1 [characterised in that] wherein the identification codes are added by means of adding additional interface

wires to the output of the device within the receiver that combines the transport streams together.

6. (Amended) A data processing system according to claim 1 [characterised in that] wherein the identification codes for the multiple data streams are stored in a memory device and reference to said memory by the receiver allows the identification of each of the data streams with reference to the identification codes accompanying the transmitted data streams.

7. (Amended) A method for the generation of a single stream of data for subsequent processing, from multiple transport streams of data, said method comprising the steps of receiving a number of transport streams of data, and selecting packets of data in accordance with user and/or receiver selection criteria and multiplexing the said selected packets of data into a single stream of data and [characterised in that] wherein [an] a transport stream identification code [(TSID)] is allocated to each of the received transport streams of data and when the selection of a data packet is required, the selection is controlled with reference to an appropriate identification code for the particular transport stream of data in which the data packet to be selected is located and the required data packet selected therefrom.

8. (Amended) A method according to claim 7 [characterised in that] wherein the particular data packet is selected from the selected transport stream of data with reference to the packet identification code [PID].

9. (Amended) A method according to claim 7 [characterised in that] wherein the selection of the data packet can only be made from the transport stream of data identified by the transport stream identification [TSID].

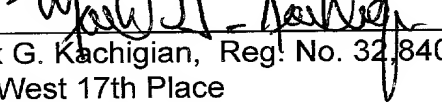
REMARKS

The application should now be in condition for examination, which is respectfully requested.

Respectfully Submitted

HEAD, JOHNSON & KACHIGIAN

Dated: 14 March 2001

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